

| L Number | Hits | Search Text                                                                                | DB                                     | Time stamp       |
|----------|------|--------------------------------------------------------------------------------------------|----------------------------------------|------------------|
| 1        | 20   | cantilever same optical same binding                                                       | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT | 2004/07/19 17:20 |
| 2        | 22   | cantilever same (optical or grating or diffract\$3 or scat\$6) same binding                | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT | 2004/07/19 17:31 |
| 3        | 609  | cantilever and (optical or grating or diffract\$3 or scat\$6) and binding                  | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT | 2004/07/19 17:31 |
| 4        | 306  | (cantilever and (optical or grating or diffract\$3 or scat\$6) and binding) and biological | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT | 2004/07/19 17:32 |
| 5        | 698  | microscop\$2 same cantilever same (grating or diffract\$4 or optical)                      | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT | 2004/07/19 17:33 |
| 6        | 4    | microscop\$2 same cantilever same diffract                                                 | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT | 2004/07/19 17:44 |
| 7        | 4    | microscop\$2 and cantilever and (diffract same light) and binding                          | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT | 2004/07/19 17:44 |

| L Number | Hits | Search Text                                                                                                                                                          | DB                                     | Time stamp       |
|----------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------|
| 1        | 896  | cantilever same (no or without) same<br>(oscillat\$3 or vibrat\$3)                                                                                                   | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT | 2004/07/19 12:29 |
| 2        | 131  | (cantilever same (no or without) same<br>(oscillat\$3 or vibrat\$3)) and (without<br>near5 (vibration or oscillation))                                               | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT | 2004/07/19 12:30 |
| 3        | 118  | ((cantilever same (no or without) same<br>(oscillat\$3 or vibrat\$3)) and (without<br>near5 (vibration or oscillation))) and<br>@py<2003                             | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT | 2004/07/19 12:30 |
| 4        | 0    | ((cantilever same (no or without) same<br>(oscillat\$3 or vibrat\$3)) and (without<br>near5 (vibration or oscillation))) and<br>@py<2003) and biological and binding | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT | 2004/07/19 12:31 |
| 5        | 6    | ((cantilever same (no or without) same<br>(oscillat\$3 or vibrat\$3)) and (without<br>near5 (vibration or oscillation))) and<br>@py<2003) and binding                | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT | 2004/07/19 12:31 |

| L Number | Hits  | Search Text                                                                                                                                                | DB                                     | Time stamp       |
|----------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------|
| 1        | 896   | cantilever same (no or without) same (oscillat\$3 or vibrat\$3)                                                                                            | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT | 2004/07/19 12:29 |
| 2        | 131   | ((cantilever same (no or without) same (oscillat\$3 or vibrat\$3)) and (without near5 (vibration or oscillation)))                                         | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT | 2004/07/19 12:30 |
| 3        | 118   | ((cantilever same (no or without) same (oscillat\$3 or vibrat\$3)) and (without near5 (vibration or oscillation))) and @py<2003                            | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT | 2004/07/19 12:30 |
| 4        | 0     | ((cantilever same (no or without) same (oscillat\$3 or vibrat\$3)) and (without near5 (vibration or oscillation))) and @py<2003 and biological and binding | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT | 2004/07/19 12:31 |
| 5        | 6     | ((cantilever same (no or without) same (oscillat\$3 or vibrat\$3)) and (without near5 (vibration or oscillation))) and @py<2003 and binding                | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT | 2004/07/19 12:32 |
| 6        | 438   | (cantilever or AFM) same binding                                                                                                                           | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT | 2004/07/19 12:33 |
| 7        | 19    | ((cantilever or AFM) same binding) same ((without or no) near15 (force or oscillation or oscillated or vibration or vibrated))                             | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT | 2004/07/19 13:23 |
| 8        | 20711 | chin.xp.                                                                                                                                                   | USPAT;<br>EPO;<br>DERWENT              | 2004/07/19 13:26 |
| 9        | 0     | ("chin.xp.").PN.                                                                                                                                           | USPAT; EPO                             | 2004/07/19 13:26 |
| 10       | 128   | chin.xp. and cantilever                                                                                                                                    | USPAT; EPO                             | 2004/07/19 13:27 |
| 11       | 104   | (chin.xp. and cantilever) and @py<2001                                                                                                                     | USPAT; EPO                             | 2004/07/19 13:27 |
| 12       | 4     | ((chin.xp. and cantilever) and @py<2001) and binding                                                                                                       | USPAT; EPO                             | 2004/07/19 13:38 |
| 13       | 1837  | (422/20,69,63,236).CCLS.                                                                                                                                   | USPAT;<br>EPO;<br>DERWENT              | 2004/07/19 13:39 |
| 14       | 10    | ((422/20,69,63,236).CCLS.) and cantilever and binding                                                                                                      | USPAT; EPO                             | 2004/07/19 13:39 |